

**From:** Richard Rupert/R3/USEPA/US  
**Sent:** 3/15/2012 2:41:21 PM

**To:** "richard.fetzer@epa.gov" <richard.fetzer@epa.gov>; "gerald.heston@epa.gov" <gerald.heston@epa.gov>;  
"dennis.carney@epa.gov" <dennis.carney@epa.gov>; "kelley.chase@epa.gov" <kelley.chase@epa.gov>  
**CC:**  
**Subject:** interesting presentation given in Dimock on Feb 13

<http://www.water-research.net/naturalgasPA/pdf/files/gettingthewatertestedfebt2012oram.pdf>

Some good info.... I wonder how it was received? It was given by:

Mr. Brian Oram is the laboratory manager for The Center for Environmental Quality at Wilkes University. Mr. Brian Oram is a licensed professional geologist, licensed Well Driller, Professional Soil Scientist, and licensed Sewage Enforcement Officer in the Commonwealth of Pennsylvania with over 20 years experience in conducting hydrogeological investigations related to water supply development, contaminant migration, wetland mitigation, and land based wastewater disposal systems. With respect to land based wastewater disposal, Mr. Oram's primary expertise is in site selection and evaluating large volume wastewater disposal systems, spray irrigation, conducting permeability assessments, hydrogeological studies and nitrate nitrogen loading assessments. Mr. Oram has conducted environmental training workshops related to water quality testing and analysis, groundwater quality, on-lot wastewater disposal, lake management, and the development of citizen monitoring programs.

Mr. Brian Oram received a Masters of Science Degree from The Pennsylvania State University in Environmental Pollution Control, specializing in drinking water treatment, watershed management, and forest hydrology. Masters research was titled " The Removal of Giardia and other Particles using Diatomaceous Earth Filtration. Mr. Oram's online resume can be found at [Online CV](#)

Mr. Oram's primary research and technical interest include: watershed management, land-use and planning, soils mapping, hydrogeological studies, environmental pollution control, watershed management, water treatment, citizens monitoring programs, and environmental education. One of the primary interests is the use of GIS and GPS in environmental research and training. Mr. Oram is the co-instructor for a summer field training course titled "Field Methods In Applied Geoscience" held at the Back Mountain Recreation Site. In addition to research in the field of earth science, Mr. Oram operates a private environmental consulting business, [B.F. Environmental Consultants](#)  
<http://staffweb.wilkes.edu/brian.oram/>

<http://gomarcellusshale.com/profile/BrianOramPG>

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"The commander in the field is always right and the rear echelon is wrong, unless proved otherwise."  
Colin Powell